

WHAT IS CLAIMED IS:

1. An apparatus for transporting an essentially sheet-shaped element, particularly for transporting a print material sheet in a printing press comprising: at least one rotating transport which transports a sheet-shaped element from a grasping location to a delivery location and delivers it there, said transport having at least one mouth-like receptacle for taking hold of and entraining the sheet-shaped element for introducing the front-edge region of a sheet-shaped element, and including at least one flexional core which is at least fragmentarily present for bending the sheet-shaped element during the entraining over a rotation or curvature radius, and at least one grasping device in the region of the mouth-like receptacle.

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2. The apparatus according to Claim 1, wherein said grasping device is formed essentially as a cam disk which is rotatable about an axis which is parallel to the rotational axis of the transport and is supported on the transport such that the cam disk essentially closes the mouth-like receptacle in at least one relative rotational position with respect to the transport and essentially leaves the mouth-like receptacle open in at least one other relative rotational position.

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3. The apparatus according to Claim 2, wherein said grasping device and the transport are drivable in a rotating manner at a predetermined rotational speed ratio with respect to one another.
4. The apparatus according to Claim 1, wherein a plurality of mouth-like receptacles, are arranged equally distributed over a 360° angle.

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5. The apparatus according to Claim 3, wherein the ratio of the rotational speed of the transport to the rotational speed of the grasping device is set to 1:2.

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6. The apparatus according to Claim 1, wherein said at least one mouth-like receptacle is formed essentially as a slot.

5 7. The apparatus according to Claim 6, wherein the length of the slot includes movement play for the front edge of the sheet-shaped element without the risk of pushing the front edge on the slot bottom.

10 8. The apparatus according to Claim 1, wherein said grasping device has a surface with a relatively high coefficient of friction, and said mouth-like receptacle has at least one inner surface with a relatively low coefficient of friction with respect to the material of a sheet-shaped element.

15 9. The apparatus according to Claim 1, wherein, in the region of the delivery location, a fixed stop is arranged with respect to the transport for the front edge of the sheet-shaped element which is inserted in the receptacle.

10. The apparatus according to Claim 1, wherein several transports are provided spaced coaxially from one another.

20 11. The apparatus according to Claim 10, wherein two transports are arranged in a mirror image with respect to a mirror plane perpendicular to the rotational axis.